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PTO/SB/05 (2/98)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 06137-0021-US02

First Named Inventor or Application Identifier Anderson et al.

Title Linking Gene Sequence to Gene Function By Three Dimensional (3D) Protein Structure Determination

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 40]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 6]
4. ☐ Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☐ *Small Entity Statement(s) Statement filed in
prior application,
Status still proper
and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

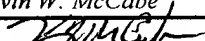
*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF
ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /
Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

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Signature				Date	October 29, 1998

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Attorney Docket No. 06137-0021-US02

UNITED STATES PATENT AND TRADEMARK
OFFICE
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventors: Steve Anderson and Gaetano Montelione

For: **Linking Gene Sequence to Gene Function By Three Dimensional (3D) Protein
Structure Determination**

Enclosed are:

xx U.S. Non-Provisional Utility Patent Application Transmittal Letter
xx Utility Patent Application Transmittal Form
xx Specification including 35 pages of description, 4 pages of claims,
1 page of abstract, and 6 pages of informal drawings

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 395.00	OR		\$ 790.00
TOTAL CLAIMS	17-20 =	* 0	x 11 =		OR	x 22 =	0.00
INDEP. CLAIMS	3-3 =	* 0	x 41 =		OR	x 82 =	0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 135 =		OR	+ 270 =	0.00
			TOTAL		OR	TOTAL	\$790.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

— Please charge my Deposit Account No. 08-3038 in the amount of \$_____. A duplicate copy of this sheet is attached.

— A check in the amount of \$_____ to cover the filing fee is enclosed.

xx The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

xx Any additional filing fees required under 37 CFR 1.16.

xx Any patent application processing fees under 37 CFR 1.17.

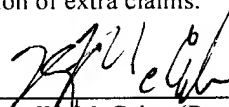
— The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

— Any patent application processing fees under 37 CFR 1.17

— The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

— Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date October 29, 1998


Kevin W. McCabe (Reg. No. 41,182)

October 29, 1998

Box Patent Application

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application
Appl. No.: To be assigned; Filed: Herewith
Based on U.S. Priority Application No.: 60/063,679
For: **LINKING GENE SEQUENCE TO GENE FUNCTION
BY THREE DIMENSIONAL (3D) PROTEIN STRUCTURE
DETERMINATION**
Inventor(s): Steve Anderson *et al.*
Our Ref: 06137-0021-US02

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. U.S. Utility Patent Application entitled:

**LINKING GENE SEQUENCE TO GENE FUNCTION
BY THREE DIMENSIONAL (3D) PROTEIN STRUCTURE
DETERMINATION**

and naming as inventor(s):

Steve Anderson and Gaetano Montelione

the application comprising:

- a. A specification containing:
 - (i) 35 pages of description prior to the claims;
 - (ii) 4 pages of claims (17 claims);

- (iii) a one (1) page abstract;
 - b. 6 sheets of drawings: (Figures 1-8); and
- 2. PTO Form 1082 (in duplicate)
 - 3. Utility Patent Application Transmittal Form (in duplicate)
 - 4. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without fee.

Respectfully submitted,



Kevin W. McCabe (Reg. No. 41,182)

Enclosures

09181501-102998

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

11/03/1998 AMYES 00000002 083038 09181601
01 FC:101 790.00 CH